

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/657,785
Filing Date	September 8, 2003
First Named Inventor	Charles Gollnick
Group Art Unit	2618
Examiner Name	P. Sobutka
Attorney Docket Number	14206US03

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number:Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A58	5,241,542	08/31/1993	Natarajan et al.	
	A59	4,745,408	05/17/1988	Nagata et al.	
	A60	5,142,279	08/25/1992	Jasinski et al.	
	A61	5,257,019	10/26/1993	Schwendeman et al.	
	A62	5,150,361	09/22/1992	Wieczorek et al.	
	A63	4,799,253	01/17/1989	Stern et al.	
	A64	5,252,963	10/12/1993	Snowden et al.	
	A65	5,361,397	11/01/1994	Wright	
	A66	5,276,680	01/04/1994	Messenger	
	A67	5,509,035	04/16/1996	Teidemann, Jr. et al.	
	A68	5,103,459	04/07/1992	Gilhousen et al.	
	A69	5,392,287	02/12/1995	Tiedemann, Jr. et al.	
	A70	6,069,880	05/30/2000	Owen et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	B5	EP 0 490 441 A2	06/17/1992	Philips		

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C317	LO et al., "An Estimate Of Network Database Transaction Volume To Support Personal Communications Services," IEEE - ICUPC '92 Proceedings, pp. 236-241, 09/29/1992-10/02/1992
	C582	LO, "A 1.5-V 900-MHz Monolithic CMOS Fast-Switching Frequency Synthesizer For Wireless Applications," Symposium on VLSI Circuits of Technical Papers, p. 238-241, 2000
	C583	ALVAREZ, A Wide-Bandwidth Low-Voltage PLL for PowerPC Microprocessors, Symposium on VLSI Circuits Digest of Technical Papers, 1994
	C584	Expert Report of Duane Rabe, 03/14/2008.
	C585	Initial Expert Report of Tim A. Williams, Ph.D., 03/14/2008.

EXAMINER SIGNATURE	DATE CONSIDERED
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	C586	FISHER, "Dual mode mobile unit for next generation digital narrow channel cellular telephone system," 38 <sup>th</sup> IEEE Vehicular Tech. Conf., pp. 543-547, 1988.
	C587	Decision of Appeal 2007-1164 in the United States Court of Appeals for the Federal Circuit, <i>Broadcom Corporation v. International Trade Commission and Qualcomm Incorporated</i> , On appeal from the United States International Trade Commission in Investigation No. 337-TA-543, Decided September 19, 2008.

**EXAMINER****DATE CONSIDERED**

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